AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions and listings of claims in this application.

1. (Currently Amended) A transition rail for ~~the~~ connection of rails having different rail cross sections, ~~characterized in that~~ wherein the transition rail (1) comprises two transition zones (a, c), wherein in a first transition zone (c) ~~the~~ a larger-height cross-sectional profile is reshaped to transition into a smaller profile height and in ~~the~~ a following, second transition zone (a) having ~~the~~ a smaller profile height ~~the~~ , a rail foot is worked to match ~~the~~ a new profile of ~~the~~ a consecutive rail foot.

2. (Currently Amended) A transition rail according to claim 1, ~~characterized in that~~ wherein the second transition zone (a) is arranged closer to ~~the~~ a free end of the transition rail (1) than is the first transition zone (c).

3. (Currently Amended) A transition rail according to claim 1 ~~or 2, characterized in that~~ , wherein a zone (b) of constant cross-sectional shape is arranged between the first transition zone (c) and the second transition zone (a).

4. (Currently Amended) A method for producing a transition rail ~~according to claim 1, 2 or 3, characterized in that~~ for connection of rails having different rail cross sections, the transition rail (1) comprising two transition zones (a, c), wherein in a first transition zone (c) a larger-height cross-sectional profile is reshaped to transition into a smaller profile height and in a following, second transition zone (a) having a smaller profile height, a rail foot is worked to match a new profile of a consecutive rail foot, comprising the steps of:

first heating the transition rail

~~is at first heated and introduced and~~ ; introducing said transition rail into a press mold ~~, whereupon~~

; reshaping the rail ~~is reshaped~~ in ~~the~~ a web region of said rail and ~~pressed~~ pressing said rail in the direction of ~~the~~ profile height~~,~~ ; and ~~that~~

mechanically working the rail foot ~~is mechanically worked following~~ after complete reshaping.

5. (Currently Amended) A method according to claim 4, ~~characterized in that~~ further comprising the step of machining the rail foot ~~is machined~~.

6. (Currently Amended) A method according to claim 4 ~~or 5, characterized in that the~~ , wherein a second transition zone of the rail foot, in which the width of the rail foot decreases, is designed to be rounded in top view.

7. (New) A transition rail according to claim 2, wherein a zone (b) of constant cross-sectional shape is arranged between the first transition zone (c) and the second transition zone (a).

8. (New) A method according to claim 5, wherein a second transition zone of the rail foot, in which the width of the rail foot decreases, is designed to be rounded in top view.

9. (New) A method according to claim 4, wherein the second transition zone (a) of the transition rail (1) is arranged closer to a free end of the transition rail (1) than is the first transition zone (c) of the transition rail.

10. (New) A method according to claim 4, wherein a zone (b) of constant cross-sectional shape is arranged between the first transition zone (c) of the transition rail (1) and the second transition zone (a) of the transition rail (1).